

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 21-Nov-14

Time 6:11 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 047 Const Calendar Day: 549 Date: 11-Mar-2011 Friday

Inspector Name: Wright, Doug Title: Transportation Engineer

Inspection Type: Intermittent

Shift Hours: 07:00 AM 05:30 PM Break: 00:30 Over Time: 02:00

Federal ID:

Location:

Reviewer: Soheilifard, Saman Approved Date: 16-Mar-11 Status: Approved

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature 7 AM 12 PM 4PM

Precipitation Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Tower Bolting

Late start:

The crews got off to a late start due to confusion as to whether or not they would be working after a Tsunami warning was issued. By 08:00, all crews were on deck, and work was started.

Elevation 28m:

Work of bolting the struts at 28m was started today. Cleaning and pinning the connections, as well as installing bolts, was ongoing.

Torque verification:

Bolting of the facades was completed today at 33m. Also, bolting of the facades at 38m had been completed about one week ago. I witnessed the torque testing at the following locations today:

- The façade bolts at Elevation 33m inside the West shaft
- The façade bolts at Elevation 38m inside the West shaft

I needed to leave the field to attend a meeting, so Sanny Khow took over the inspection and torque testing. See his diary for additional details.

Meeting:

From 13:00 until 15:45, I attended the comment review meeting (CRM) for submittal 2170R00, the Electroslag welding plan. Attending were: R. Morrow, M. Woods, S. Soheilifard, P. Lowry (METS), R. Mertz (METS), J. Duxbury (TY Lin), N. Vo (TY Lin), and myself from Caltrans, and B. Kick, J. Callahan, N. Greco, M. MacDonald, J. Bowers, and D. Hester from ABF.

A list of the 19 Caltrans review comments had been emailed to all people yesterday. We reviewed each of these comments. Most of them were relatively minor, and there was agreement that ABF would include them in a re-submittal. The items that still require further discussion are listed below:

- PQR test specimens: METS was unclear how it would be possible to get tensile test specimens from the PQRs as they are configured as shown in the submittal. ABF mentioned that Mr. Turpin from Portland State would be able to best answer that question, and that he would call to explain.
- ABF clarified the sequence between the ESW welding, the NDT, the PWHT, and repairs. The order of work will be: 1) ESW welding, 2) minor surface repairs from visual inspection, 3) PWHT, 4) NDT, 5) NDT repairs, and 6) localized post heat on those repairs.
- Planar misalignment: ABF agreed that the issue of planar misalignment will be addressed in the full



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height mock-up.

- Root gaps: The root gaps are supposed to be 19mm +/- 3mm. The field conditions have root gaps up to about 24mm or 25mm. Caltrans would like to see one of the PQRs welded with a root gap of 21mm or 22mm so that all of the field conditions will be covered within the +/- 3mm tolerance. ABF does not believe this is necessary because they think the welding parameters will be essentially unchanged with the wider root gaps. This issue was tabled for a later discussion after some additional internal discussions.

After the meeting, I started to draft a State letter in response to the submittal.

04-0120F4 Bid Item: 053 T-L01-SFE.053 Tower Lift 01 Strut Façades East Erect structural steel (bridge tower)
AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Ironworker	APP	Luis Plancarte	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	EDUARDO JIMENEZ-PADILLA	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	APP	Lorenzo Padilla	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	KIMO JOSE	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	Wei Tan	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	JOHN CHAPMAN	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	JNM	MATTHEW GREER	8.00	0.00	0.00	8.00		<input type="checkbox"/>
Ironworker	FOR	KEVIN KARBER	8.00	0.00	0.00	8.00		<input type="checkbox"/>